

AMENDMENTS TO THE CLAIMS

1. (PREVIOUSLY PRESENTED) A synthetic cork compound comprising:
 - a methyl vinyl silicone polymer from about 20 to 60 weight percent;
 - a fumed silica filler from about 20 to 60 weight percent;
 - a microsphere agent from about 5 to 50 weight percent;
 - a cross-linking agent from about 0.1 to 5 weight percent; and
 - oak dust from about 0.1 to 25 weight percent.
2. (ORIGINAL) A synthetic cork compound according to claim 1, wherein the methyl vinyl silicone polymer is polydimethylvinylsiloxane.
3. (ORIGINAL) A synthetic cork compound according to claim 1, wherein the microsphere agent is soda lime borosilicate.
4. (ORIGINAL) A synthetic cork compound according to claim 1, wherein the cross-linking agent is chloro-platonic acid.
5. (ORIGINAL) A synthetic cork compound according to claim 1, wherein the cross-linking agent is peroxide.
6. (PREVIOUSLY PRESENTED) A synthetic cork compound according to claim 1, wherein the oak dust is toasted.
7. (PREVIOUSLY PRESENTED) A synthetic cork compound according to claim 1, wherein:
 - the oak dust is toasted; and
 - the microsphere agent is soda lime borosilicate.
8. (PREVIOUSLY PRESENTED) A synthetic cork compound according to claim 1 further comprising:
 - a high vinyl silicone polymer from about 0.5 to 10 weight percent;
 - pigment from about 0.1 to 5 weight percent;
 - silicon hydride from about 0.1 to 25 weight percent;
 - ethynyl cyclohexanol from about 0.05 to 5 weight percent;

wherein the oak dust is toasted; and
wherein the cross-linking agent is chloro-platanic acid.

9. (ORIGINAL) A synthetic cork compound according to claim 8, wherein:
the methyl vinyl silicone polymer is polydimethylvinylsiloxane; and
the microsphere agent is soda lime borosilicate.
10. (PREVIOUSLY PRESENTED) A synthetic cork compound comprising:
a methyl vinyl silicone polymer of about 40.7 weight percent;
a fumed silica filler of about 27.1 weight percent;
a microsphere agent of about 26.2 weight percent;
a cross-linking agent of about 0.99 weight percent; and
oak dust of about 1.0 weight percent.
11. (ORIGINAL) A synthetic cork compound according to claim 10, wherein the methyl vinyl
silicone polymer is polydimethylvinylsiloxane.
12. (ORIGINAL) A synthetic cork compound according to claim 10, wherein the microsphere
agent is soda lime borosilicate.
13. (ORIGINAL) A synthetic cork compound according to claim 10, wherein the cross-linking
agent is chloro-platanic acid.
14. (ORIGINAL) A synthetic cork compound according to claim 10, wherein the cross-linking
agent is peroxide.
15. (PREVIOUSLY PRESENTED) A synthetic cork compound according to claim 10, wherein
the oak dust is toasted.
16. (PREVIOUSLY PRESENTED) A synthetic cork compound according to claim 10, wherein:
the oak dust is toasted; and
the microsphere agent is soda lime borosilicate.

17. (PREVIOUSLY PRESENTED) A synthetic cork compound according to claim 10 further comprising:
- a high vinyl silicone polymer of about 1.3 weight percent;
 - pigment of about 0.25 weight percent;
 - silicon hydride of about 2.3 weight percent;
 - ethynyl cyclohexanol of about 0.08 weight percent;
 - wherein the oak dust is toasted; and
 - wherein the cross-linking agent is chloro-platanic acid.
18. (ORIGINAL) A synthetic cork compound according to claim 17, wherein:
- the methyl vinyl silicone polymer is polydimethylvinylsiloxane; and
 - the microsphere agent is soda lime borosilicate.
19. (WITHDRAWN) A stopper formed from a synthetic cork compound comprising:
- a methyl vinyl silicone polymer from about 20 to 60 weight percent;
 - a fumed silica filler from about 20 to 60 weight percent;
 - a microsphere agent from about 5 to 50 weight percent; and
 - a cross-linking agent from about 0.1 to 5 weight percent.
20. (WITHDRAWN) A stopper according to claim 19, wherein the methyl vinyl silicone polymer is polydimethylvinylsiloxane.
21. (WITHDRAWN) A stopper according to claim 19, wherein the microsphere agent is soda lime borosilicate.
22. (WITHDRAWN) A stopper according to claim 19, wherein the cross-linking agent is chloro-platanic acid.
23. (WITHDRAWN) A stopper according to claim 19, wherein the cross-linking agent is peroxide.
24. (WITHDRAWN) A stopper according to claim 19 further comprising toasted oak dust from about 0.1 to 25 weight percent.

25. (WITHDRAWN) A stopper according to claim 19 further comprising:
toasted oak dust from about 0.1 to 25 weight percent; and
wherein the microsphere agent is soda lime borosilicate.
26. (WITHDRAWN) A stopper according to claim 19 further comprising:
a high vinyl silicone polymer from about 0.5 to 10 weight percent;
toasted oak dust from about 0.1 to 25 weight percent;
pigment from about 0.1 to 5 weight percent;
silicon hydride from about 0.1 to 25 weight percent;
ethynl cyclohexanol from about 0.05 to 5 weight percent; and
wherein the cross-linking agent is chloro-platanic acid.
27. (WITHDRAWN) A synthetic cork compound according to claim 19 further comprising:
a high vinyl silicone polymer of about 1.3 weight percent;
toasted oak dust of about 1.0 weight percent;
pigment of about 0.25 weight percent;
silicon hydride of about 2.3 weight percent;
ethynl cyclohexanol of about 0.08 weight percent;
wherein the cross-linking agent is chloro-platanic acid present in an amount of about
0.99 weight percent;
wherein the methyl vinyl silicone polymer is polydimethylvinylsiloxane present in an
amount of about 40.7 weight percent;
wherein the fumed silica filler is present in an amount of about 27.1 weight percent;
and
wherein the microsphere agent is soda lime borosilicate present in an amount of about
26.2 weight percent.
28. (NEW) A synthetic cork compound comprising:
a methyl vinyl silicone polymer from about 20 to 60 weight percent;
a fumed silica filler from about 20 to 60 weight percent;
a microsphere agent from about 5 to 50 weight percent;
a cross-linking agent from about 0.1 to 5 weight percent; and

oak dust that does not consist of natural cork from about 0.1 to 25 weight percent.

29. (NEW) A synthetic cork compound according to claim 28, wherein the methyl vinyl silicone polymer is polydimethylvinylsiloxane.
30. (NEW) A synthetic cork compound according to claim 28, wherein the microsphere agent is soda lime borosilicate.
31. (NEW) A synthetic cork compound according to claim 28, wherein the cross-linking agent is chloro-platanic acid.
32. (NEW) A synthetic cork compound according to claim 28, wherein the cross-linking agent is peroxide.
33. (NEW) A synthetic cork compound according to claim 28, wherein the oak dust is toasted.
34. (NEW) A synthetic cork compound according to claim 28, wherein:
the oak dust is toasted; and
the microsphere agent is soda lime borosilicate.
35. (NEW) A synthetic cork compound according to claim 28 further comprising:
a high vinyl silicone polymer from about 0.5 to 10 weight percent;
pigment from about 0.1 to 5 weight percent;
silicon hydride from about 0.1 to 25 weight percent;
ethynyl cyclohexanol from about 0.05 to 5 weight percent;
wherein the oak dust is toasted; and
wherein the cross-linking agent is chloro-platanic acid.
36. (NEW) A synthetic cork compound according to claim 35 wherein:
the methyl vinyl silicone polymer is polydimethylvinylsiloxane; and
the microsphere agent is soda lime borosilicate.
37. (NEW) A synthetic cork compound comprising:
a methyl vinyl silicone polymer from about 20 to 60 weight percent;
a fumed silica filler from about 20 to 60 weight percent;

a microsphere agent from about 5 to 50 weight percent;
a cross-linking agent from about 0.1 to 5 weight percent; and
oak dust not comprising natural cork from about 0.1 to 25 weight percent.

38. (NEW) A synthetic cork compound according to claim 37, wherein the methyl vinyl silicone polymer is polydimethylvinylsiloxane.
39. (NEW) A synthetic cork compound according to claim 37, wherein the microsphere agent is soda lime borosilicate.
40. (NEW) A synthetic cork compound according to claim 37, wherein the cross-linking agent is chloro-platanic acid.
41. (NEW) A synthetic cork compound according to claim 37, wherein the cross-linking agent is peroxide.
42. (NEW) A synthetic cork compound according to claim 37, wherein the oak dust is toasted.
43. (NEW) A synthetic cork compound according to claim 37, wherein:
the oak dust is toasted; and
the microsphere agent is soda lime borosilicate.
44. (NEW) A synthetic cork compound according to claim 37 further comprising:
a high vinyl silicone polymer from about 0.5 to 10 weight percent;
pigment from about 0.1 to 5 weight percent;
silicon hydride from about 0.1 to 25 weight percent;
ethynyl cyclohexanol from about 0.05 to 5 weight percent;
wherein the oak dust is toasted; and
wherein the cross-linking agent is chloro-platanic acid.
45. (NEW) A synthetic cork compound according to claim 44, wherein:
the methyl vinyl silicone polymer is polydimethylvinylsiloxane; and
the microsphere agent is soda lime borosilicate.